

Title (en)

Security device against an inadmissible unrolling of a beltelelement

Title (de)

Sicherung gegen ein unzulässiges Abrollen eines Gurtelementes

Title (fr)

Système de sécurité contre une déroulement inadmissible d'un élément de sangle

Publication

EP 0940134 A3 20010530 (DE)

Application

EP 99103758 A 19990226

Priority

DE 29803558 U 19980302

Abstract (en)

[origin: EP0940134A2] The device has a blocking element (10) which can move forward to drive an acute-angled wedge (16) between the meshing teeth (20) of two pinions (12,14), to stop them turning. The pinions are especially prevented from turning in the direction of unrolling of the belt for the lift. In an alternative version a one-way pawl and ratchet wheel are used. The wedge or the pawl may be moved out of the way when it is necessary to unroll the belt.

IPC 1-7

A61G 7/10

IPC 8 full level

A61G 7/10 (2006.01); **A62B 35/04** (2006.01); **F16D 41/12** (2006.01)

CPC (source: EP US)

A62B 35/0093 (2013.01 - EP US); **F16D 41/12** (2013.01 - EP US); **A61G 7/1042** (2013.01 - EP US)

Citation (search report)

- [X] DE 4000831 A1 19910718 - BAECKER HARALD [DE]
- [A] CH 362795 A 19620630 - KOLLER JOSEF [CH]
- [A] DE 3802775 C1 19890921

Cited by

US11793702B2; DE102012202257A1; WO2013120981A1; US11376180B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 29803558 U1 19980625; DE 59909874 D1 20040812; EP 0940134 A2 19990908; EP 0940134 A3 20010530; EP 0940134 B1 20040707; US 6129302 A 20001010

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